



Job	Truss	Truss Type	Qty	Ply	LOT 28 PROVIDENCE CREEK   29 COTTONSEED LANE FUQUAY-VARINA,
23-7721-R01	R02ARP1	Piggyback Base	6	1	Job Reference (optional)

Atlantic Building Components, Moncks Corner, South Carolina

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**NOTES-**

- 7) Unbalanced snow loads have been considered for this design.
- 8) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
- 9) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
- 10) Provide adequate drainage to prevent water ponding.
- 11) All plates are 5x5 MT20 unless otherwise indicated.
- 12) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 13) \* This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 14) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 15) Provide metal plate or equivalent at bearing(s) 18 to support reaction shown.
- 16) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 2, 148 lb uplift at joint 14 and 144 lb uplift at joint 18.

**LOAD CASE(S)** Standard